

CLAIM AMENDMENTS:

1-9 cancelled

10. (new) A device for transmitting electrical signals, the device comprising:

a rotor;

a stator, said rotor and said stator being disposed relative to each other to define a substantially annular space between them;

a flat strip cable disposed in said annular space, said flat strip cable cooperating with said rotor and said stator to transmit the electrical signals between said rotor and said stator, said flat strip cable being structured to wind and unwind within said annular space; and

an elastically resilient annular band, said annular band disposed in said space to support said flat strip cable, said annular band having engagement sections on a side thereof, said engagement sections cooperating with said stator and/or said rotor to drive said annular band.

11. (new) The device of claim 10, wherein said engagement sections are disposed on an upper and/or lower edge of said annular band and are formed as tooth-gap-like recesses which cooperate with complementary tooth-like drive sections of said rotor and/or of said stator to drive said annular band.

12. (new) The device of claim 11, wherein said drive sections of said rotor and/or said stator are disposed on or proximate to a bottom of said space.

13. (new) The device of claim 12, wherein said drive sections extend in an axial and radial direction to support a free edge of said flat strip cable.
14. The device of claim 13, wherein each of said drive sections comprises a substantially cuboid main part and an end part which faces said space in a radial direction and which tapers towards said bottom of said space.
15. (new) The device of claim 11, wherein said annular band has deformation indentations which extend substantially parallel to an axis of rotation of said rotor for caterpillar-like rolling of said annular band in said space.
16. (new) The device of claim 15, wherein a tooth extends in a longitudinal direction of each of said deformation indentations to delimit each of said tooth-gap-like recess of said engagement sections.
17. (new) The device of claim 10, further comprising several annular bands disposed in said space, wherein respective neighboring annular bands do not contact each other.
18. (new) An annular band as claimed in the device of claim 10.